

Title (en)
LIGHT-EMITTING ELEMENT

Title (de)
LICHTEMITTIERENDES ELEMENT

Title (fr)
ÉLÉMENT D'ÉMISSION DE LUMIÈRE

Publication
EP 3306681 A1 20180411 (EN)

Application
EP 16800304 A 20160525

Priority
• KR 20150073103 A 20150526
• KR 2016005541 W 20160525

Abstract (en)
Disclosed according to one embodiment is a light-emitting element comprising: a light-emitting structure comprising a first semiconductor layer, an active layer, and a second semiconductor layer; a second conductive layer electrically connected to the second semiconductor layer; a first conductive layer which is disposed in a plurality of via holes passing through the light-emitting structure and second conductive layer and comprises a plurality of through electrodes electrically connected to the first semiconductor layer; an insulation layer for electrically insulating the plurality of through electrodes from the active layer, second semiconductor layer, and second conductive layer; and an electrode pad disposed in an exposed area of the second conductive layer, wherein the farther away the second conductive layer disposed between the plurality of through electrodes is from the electrode pad, the greater the width of the second conductive layer becomes.

IPC 8 full level
H01L 33/36 (2010.01)

CPC (source: EP US)
H01L 33/14 (2013.01 - EP US); **H01L 33/26** (2013.01 - US); **H01L 33/382** (2013.01 - EP US); **H01L 33/387** (2013.01 - US);
H01L 33/60 (2013.01 - US); **H01L 33/44** (2013.01 - EP US); **H01L 2933/0016** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3306681 A1 20180411; **EP 3306681 A4 20190102**; **EP 3306681 B1 20200304**; CN 107646144 A 20180130; CN 107646144 B 20200421;
KR 102382886 B1 20220405; KR 20160138792 A 20161206; US 10714659 B2 20200714; US 2018301597 A1 20181018;
WO 2016190665 A1 20161201

DOCDB simple family (application)
EP 16800304 A 20160525; CN 201680030296 A 20160525; KR 20150073103 A 20150526; KR 2016005541 W 20160525;
US 201615576760 A 20160525